

Product datasheet for PH300020

TPPP3 (NM_016140) Human Mass Spec Standard

Product data:

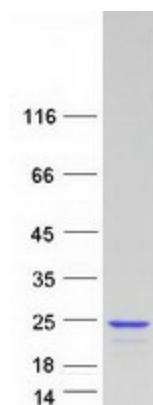
Product Type:	Mass Spec Standards
Description:	TPPP3 MS Standard C13 and N15-labeled recombinant protein (NP_057224)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200020
Predicted MW:	19 kDa
Protein Sequence:	<p>>RC200020 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAASTDMAGLEESFRKFAIHGDPKASGQEMNGKNWAKLCKDCKVADGKSVTGTDDIVFSKVKGKSARVI NYEEFKKALEELATKRFKGSKEEAFDAICQLVAGKEPANVGVTAKTGGAVDRLTDTSRYTGSHKERFD ESGKGKGIAGRQDILDDSGYVSAYKNAGTYDAKVKK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_057224</u>
RefSeq Size:	1159
RefSeq ORF:	528
Synonyms:	CGI-38; p20; p25gamma; TPPP/p20
Locus ID:	51673
UniProt ID:	<u>Q9BW30</u> , <u>A0A024R702</u>


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Cytogenetics: 16q22.1

Summary: Binds tubulin and has microtubule bundling activity. May play a role in cell proliferation and mitosis.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TPPP3 protein (Cat# [TP300020]). The protein was produced from HEK293T cells transfected with TPPP3 cDNA clone (Cat# [RC200020]) using MegaTran 2.0 (Cat# [TT210002]).